

# Traffic Safety Facts

## Laws

DOT HS 810 727W

February 2007

## Graduated Driver Licensing System

### Background

The National Highway Traffic Safety Administration encourages States to implement a graduated driver licensing (GDL) system. Easing young drivers onto the roadways by controlling their exposure to progressively more difficult driving experiences can reduce the incidence of traffic crashes involving young drivers.

A significant percentage of young drivers are involved in traffic crashes, and they are twice as likely as adult drivers to be in a fatal crash. Sixteen-year-old drivers have crash rates that are three times greater than 17-year-old drivers, five times greater than 18-year-old drivers, and twice the rate of 85-year-old drivers. The factors contributing to these higher crash rates include lack of driving

experience and inadequate driving skills; excessive driving during night-time, higher-risk hours; risk-taking behavior; poor driving judgment and decision making; drinking and driving; and distractions from teenage passengers.

To address these problems, traffic safety researchers developed a licensing system that would prolong the learning process for young novice drivers. Based on this system, NHTSA and the American Association of Motor Vehicle Administrators developed an entry-level driver licensing program to give young drivers more time to learn the complex skills required to operate a vehicle. The program consists of three stages, identified at each stage by the type of license: learner's permit, intermediate (provisional) license, and full licensure. Young drivers are required to demonstrate responsible driving behavior at each stage of licensing before advancing to the next level.

### Key Facts

- In 2005, 3,467 drivers 15 to 20 years old were killed and an additional 281,000 were injured in motor vehicle crashes.
- Motor vehicle crashes are the leading cause of death for people

age 15 to 20, according to data from the National Center for Health Statistics.

- In 2005, 7,460 drivers 15 to 20 years old were involved in fatal crashes—a 7-percent decrease from 7,979 involved in 1995. Driver fatalities for this age group increased by 4 percent between 1995 and 2005. For young males, driver fatalities rose by 5 percent, compared with a 1-percent decrease for young females.
- In 2005, 12.6 percent (7,460) of all drivers involved in fatal crashes (59,104) were young drivers 15 to 20 years old, and 16 percent (1,699,000) of all drivers involved in police-reported crashes (10,832,000) were young drivers.
- Thirty percent (365) of the 15- to 20-year-old drivers involved in fatal crashes who had invalid operator's licenses at the time of the crash also had a previous license suspension or revocation.
- Twenty-eight percent of 15- to 20-year-old drivers who were killed in motor vehicle crashes during 2005 had been drinking.
- In 2005, 62 percent of youth (age 15 to 20) who died in passenger vehicles were not wearing seat belts.

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- In 2005, 44 percent of fatalities of 15- to 20-year-olds occurred in speed-related crashes.
- States with night-time driving restrictions show crash reductions of up to 60 percent during restricted hours.
- GDL has been shown to reduce crashes by young drivers.

## How Effective Are GDL Systems?

Evaluations clearly show the benefits of adopting GDL laws and GDL components. Florida's GDL law resulted in a 9-percent reduction in crashes for drivers who were 16 and 17 years old. Ongoing research in Michigan and North Carolina has shown a 26-percent and 25-percent reduction, respectively, in crashes involving 16-year-old drivers. Ohio has shown similar positive results. GDL components adopted in the late 1970s and early 1980s also had positive effects. For instance, California reported a 5-percent reduction in crashes and a 10-percent reduction in traffic convictions for 16- and 17-year-old drivers, while Oregon saw a 16-percent reduction in crashes for male drivers age 16 and 17.

Nova Scotia, Canada, reported a 24-percent reduction in crashes involving 16-year-old drivers while a preliminary report from Ontario, Canada, cites a 31-percent reduction in crashes for all drivers 15 to 19 years old. A recent national evaluation of GDL programs by Johns Hopkins University concluded that the most comprehensive programs are associated with reductions of about 20 percent in 16-year-old drivers' fatal crash involvement rates.

## How Does GDL Work?

In the mid-1990s, the Insurance Institute for Highway Safety, the National Safety Council, the National Transportation Safety Board, and NHTSA met to establish a national model for GDL. By establishing a national model, the various traffic safety groups sought to provide guidelines for States considering a GDL system.

The three stages of the GDL system include specific components and restrictions to introduce driving privileges gradually to beginning drivers. Novice drivers are required to demonstrate responsible driving behavior during each stage of licensing before advancing to the next level.

Each stage includes recommended components and restrictions for States to consider when implementing a GDL system. Examples of components and restrictions for each stage include:

### Stage 1: Learner's Permit

- State sets minimum age for a learner's permit;
- Pass vision and knowledge tests, including rules of the road, signs, and signals;
- Completion of basic driver training;
- Licensed adult (who is at least 21 years old) required in the vehicle at all times;
- All occupants must wear seat belts;
- Teenage-passenger restrictions;
- Zero alcohol while driving;
- Permit is visually distinctive from other driver licenses;

- Must remain crash- and conviction-free for at least six months to advance to the next level; and
- Parental certification of practice hours.

### Stage 2: Intermediate (Provisional) License

- Completion of Stage 1;
- State sets minimum age;
- Pass a behind-the-wheel road test;
- Completion of advanced driver education training (e.g., safe driving decision-making, risk education, etc.);
- All occupants must wear seat belts;
- Licensed adult required in the vehicle during late-night hours (e.g., night-time driving restriction);
- Zero alcohol while driving;
- Driver improvement actions are initiated at lower point level than for regular drivers;
- Provisional license is visually distinctive from a regular license;
- Teenage-passenger restrictions;
- Must remain crash- and conviction-free for at least 12 consecutive months to advance to the next stage; and
- Supervised practice.

### Stage 3: Full Licensure

- Completion of Stage 2;
- State sets minimum age; and
- Zero alcohol while driving.

## Which States Have a GDL System?

No State has a GDL law with all of the recommended components. To date, 45 States and the District of Columbia have three-stage systems. States that have a two-stage system and lack an intermediate stage are Arizona, Arkansas, Kansas, Minnesota, and North Dakota.

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